



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Padeswood Works
1333-CPR-00121



Cement Test Report

Hanson Cement
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Results of tests made at the laboratories of the company on samples of
Padeswood PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Padeswood during week ending
and during week ending

25-Jul-21 (Week No. 2021-29)

04-Jul-21 (Week No. 2021-26) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
19-Jul-21	435	160	1	31.5	47.5		0.07	0.59	0.04
20-Jul-21	440	165	1	30.0	45.0		0.07	0.59	0.04
22-Jul-21	420	185	1	28.5	46.0		0.07	0.59	0.04
23-Jul-21	420	170	1	28.0	44.0		0.07	0.59	0.04
Average	430	170	1	29.5	45.5		0.07		0.04
28-Jun-21	380	195	0	28.5	44.5	58.5	0.06	0.58	0.04
29-Jun-21	425	185	1	30.0	48.0	59.5	0.06	0.58	0.04
01-Jul-21	390	185	1	28.0	45.5	57.5	0.06	0.59	0.04
02-Jul-21	400	165	1	28.0	45.0	56.0	0.06	0.59	0.04
Average	400	185	1	28.5	46.0	58.0	0.06		0.04

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
HANSON CEMENT

Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
Hanson Cement

Hanson Cement has used all reasonable care to ensure the
information herein contained is accurate but to the extent
permitted in law, no liability can be accepted by Hanson
Cement for any loss, damage, cost or expense arising from
any inaccuracy, whether due to negligence or otherwise.